kogan

KGNHDLEDPRO19VB

USER MANUAL

Contents
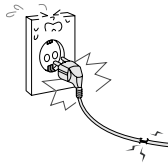
Power Supply

Warnings

Do not touch the power plug with wet hands.
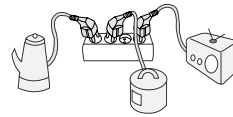
- Doing so may result in electric shock.
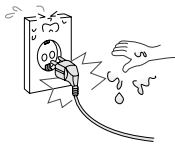
Do not use a damaged power cord or plug or a loose outlet.

- Doing so may result in fire or electric shock.

Do not plug several devices into the same outlet.

- Doing so may cause the outlet to overheat and start a fire.

Insert the power plug fully into the outlet.

- A loose or improperly inserted power plug may result in fire.

Do not bend the power cord excessively or place heavy objects on it.

- Doing so may result in fire or electric shock.
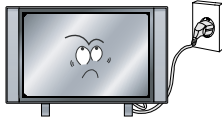
Be sure to ground the unit.

- Failing to do so may lead to electric shock when a short circuit or overload occurs. If necessary, install a ground fault circuit breaker. Never ground to a telephone line, lightning rod, or metal gas pipe. (Doing so may result in fire, electric shock, or other hazards.)
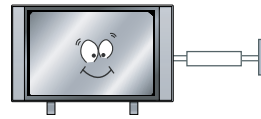
Cautions

When disconnecting the power cord from an AC outlet, always grasp it by the plug.

- Pulling on the cord can damage the internal wire and may result in fire.
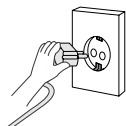
Always unplug the unit before cleaning.

- Not doing so may result in fire or electric shock.

The purpose of these precautions is to ensure user safety and prevent property damage.
Be sure to read and observe all safety precautions.

Installation

Warnings

Do not place containers with liquids such as flower vases, soft drink cans, or medicine bottles or small metallic objects on top of the unit.

- If liquid enters the unit or any metal object falls into the unit, it may result in short-circuit, fire, or electric shock.

Do not place the unit where it is exposed to rain, excessive moisture or grease.

- Doing so may result in fire, electric shock, malfunction, or deformation.

Do not use or store flammable or combustible materials near the unit.

- Doing so may result in fire or explosion.

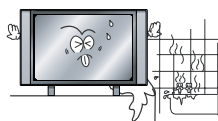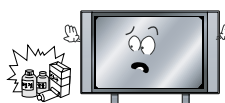Do not place the unit on an unstable surface, such as a wobbly stand or sloped table, or on any surface whose area is smaller than the bottom area of the unit.

- If a child climbs on the unit, it could topple and fall onto the child, resulting in serious injury to the child or damage to the unit. Place the unit on a flat stable surface.
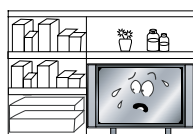
Do not place a burning candle, burning anti-mosquito incense, or lighted cigarette on top of the unit. Do not place the unit near any heat source such as a fireplace or space heater.

- Doing so poses a serious risk of fire.
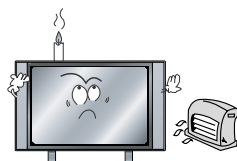
Do not place the unit in a poorly ventilated enclosure, such as a cabinet.

- Doing so poses a serious risk of fire.

Do not run power cords near heat-producing appliances such as radiators, stoves, or irons.

- The excessive heat could melt the insulation and expose live wires, resulting in fire or electric shock.
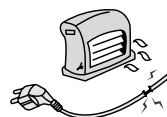
Install the antenna away from high-voltage power lines and communication cables and make sure it is installed securely.

- If the antenna touches a power line, contact with the antenna could result in fire, electric shock, serious injury, or death.
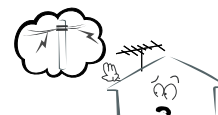
Cautions

Install the unit at an adequate distance from the wall to ensure sufficient ventilation.

- If the temperature inside the unit rises, it may result in fire.
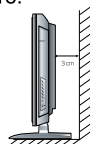
Do not cover the unit with a tablecloth, curtain, or other material.

- If the temperature inside the unit rises, it may result in fire.
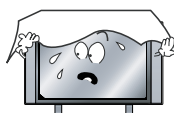
Be sure to place the unit on a level surface.

⚠ Warnings

Form a drip loop where the coaxial antenna cable enters your building to prevent rainwater from traveling along the cable and coming in contact with the antenna input terminal.

- If rainwater finds its way inside the unit, it may result in fire or electric shock.
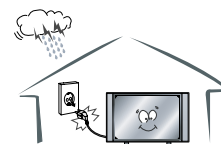
● The following precautions are divided into "Warnings" and "Cautions".

⚠ Warning : Ignoring this precaution may result in death or serious injury.
⚠ Caution : Ignoring this precaution may result in injury or property damage.

Use and Maintenance

Warnings

Disconnect the power cord from the wall outlet during an electrical storm.

• Not doing so may result in fire or electric shock.
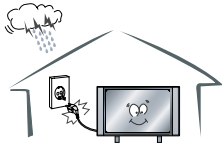
Do not insert any metal objects, such as a screwdriver, paper clip, or bent wire into the ventilation openings or A/V terminals.

• Doing so poses a serious risk of fire or electric shock.
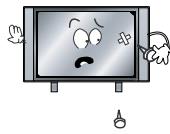
Do not allow children to climb or hang on the unit.

• The unit could topple over onto a child and result in serious injury.
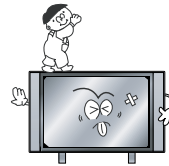
Never disassemble or modify the unit in any way. Do not attempt to service the unit yourself.

• Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.
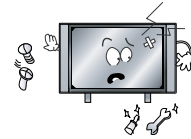
Cautions

When not using the unit for long periods of time, disconnect the power cord from the wall outlet.
• Dust could accumulate over time on the unit and cause it to generate heat and ignite, or deteriorate insulation, which in turn may result in an electrical fire.
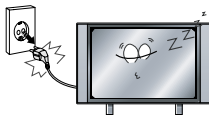
When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

• Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.
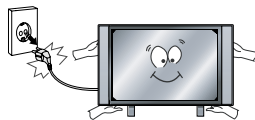
If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.

• Failure to do so may result in fire or electric shock.

⚠ Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.
• If a child has swallowed a battery, seek medical attention immediately.

Always use two or more people to lift or move the unit.

• If the unit is dropped, it could be damaged or otherwise cause injury.

Wipe off any moisture, dirt, or dust on the power plug pins with a clean dry cloth.

• Failure to do so may result in fire or electric shock.

It is advisable to clean the interior of the unit at least once a year. Contact the store of purchase or service center for information.
• Continuing to use the unit without cleaning off the dust build-up inside it may result in fire or electric shock.
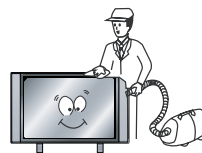
Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.
• Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.
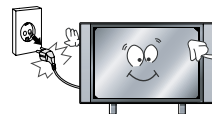
Important Safety Instructions

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.

Before operating this equipment, please read this manual completely, and keep it nearby for future reference.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with a dry cloth.

7) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use the attachments/accessories specified by the manufacturer.

12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus

combination to avoid injury from tip-over.

Important Safety Instructions

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

• Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC
SHOCK, DO NOT REMOVE COVER
(OR BACK), NO USER-SERVICEABLE
PARTS INSIDE. REFER SERVICING TO
QUALIFIED SERVICE PERSONNEL.

The lightning flash with an arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

5B-En

Apparatus with Class I construction shall be connected to a Mains socket outlet with a protective earthing connection.

WARNING

TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Caution :

- These servicing instructions are for use by qualified service personnel only.
  To reduce the risk of electric shock, do not perform any servicing other than that contained in
   the operating instructions unless you are qualified to do so.

- Any changes or modifications not expressly approved by the party responsible for compliance
   could void the user's authority to operate the equipment.

Names of each part

Front View

MENU CH- CH+ VOL- VOL+ INPUT PLAY EJECT POWER

LABEL SIDE
MIRROR SIDE
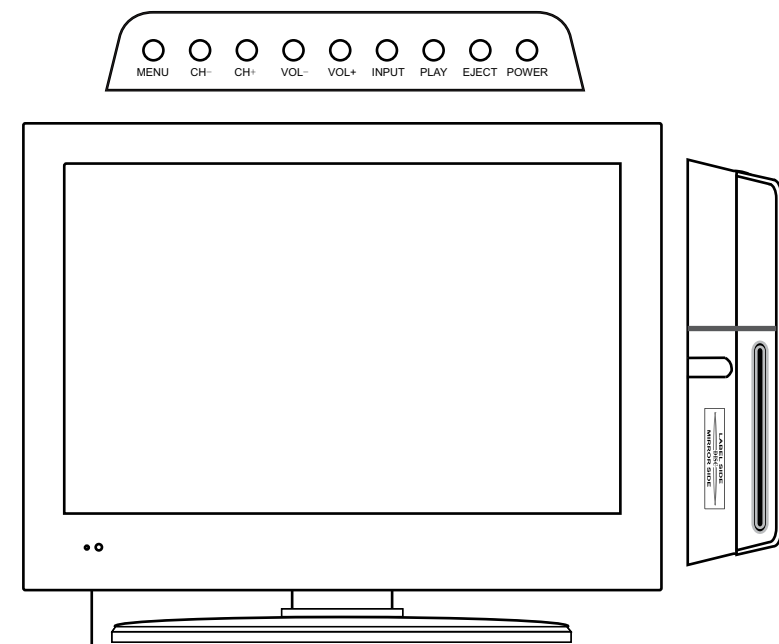
Led Indicator
Remote Control window
(Keep clear)

Please insert a 12cm disc
according to the Label.

INPUT: Press to display the input source menu(see page 11).

MENU : Press to display the OSD menu, Press again to exit the menu

CH +/-: Press to skip through the channels.

VOL +/-: Press to adjust the volume.

Power : Turn on/standby the TV set.

PLAY: Play / Pause the disc playing.
EJECT: Eject the disc.

● The configuration of the components may look different from the following illustration.
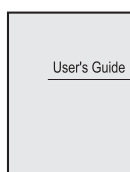
User's Guide

User's Guide   Power Cable   Remote Control   *Mains adapter*
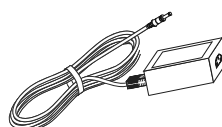
Names of each part

Back View
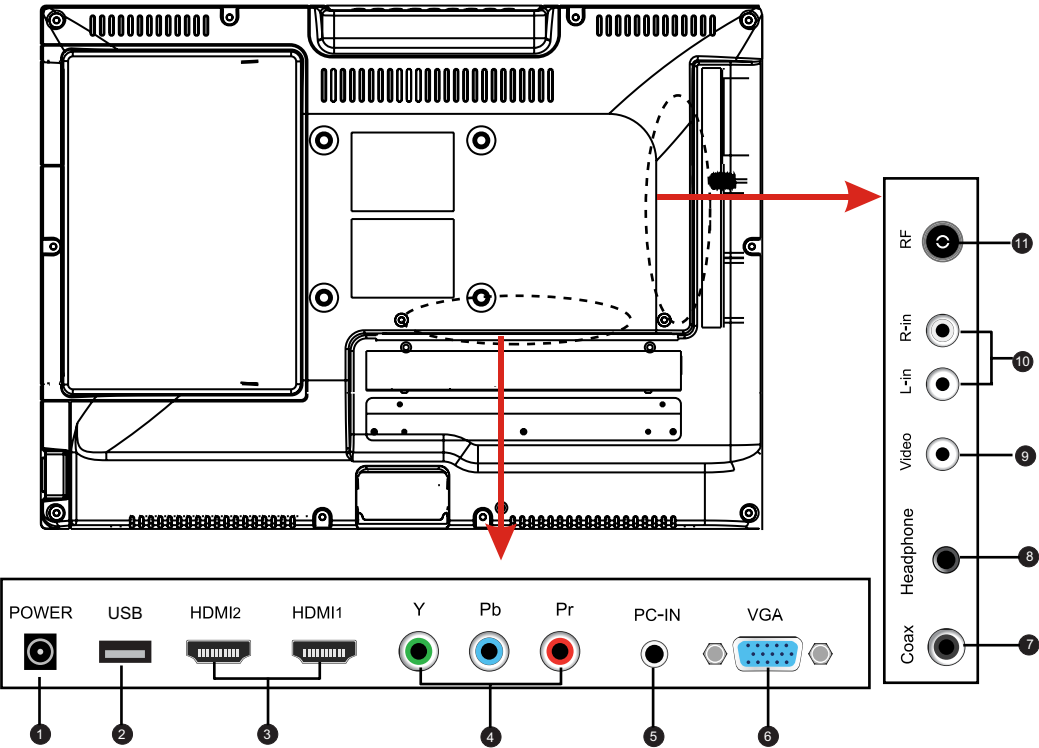
① **DC POWER**	⑤ **PC AUDIO IN**	⑩ **L/R audio in**
② **USB**	⑥ **VGA**	⑪ **RF**
③ **HDMI1/2**	⑦ **Coax out**	
④ **YPbPr**	⑧ **Headphone out**	
	⑨ **Video**	

Remote Control

The remote control is using Infra-Red(IR). Point it towards the front of the LCD TV. The remote control may not work correctly if it is operated out of range or out of angle.
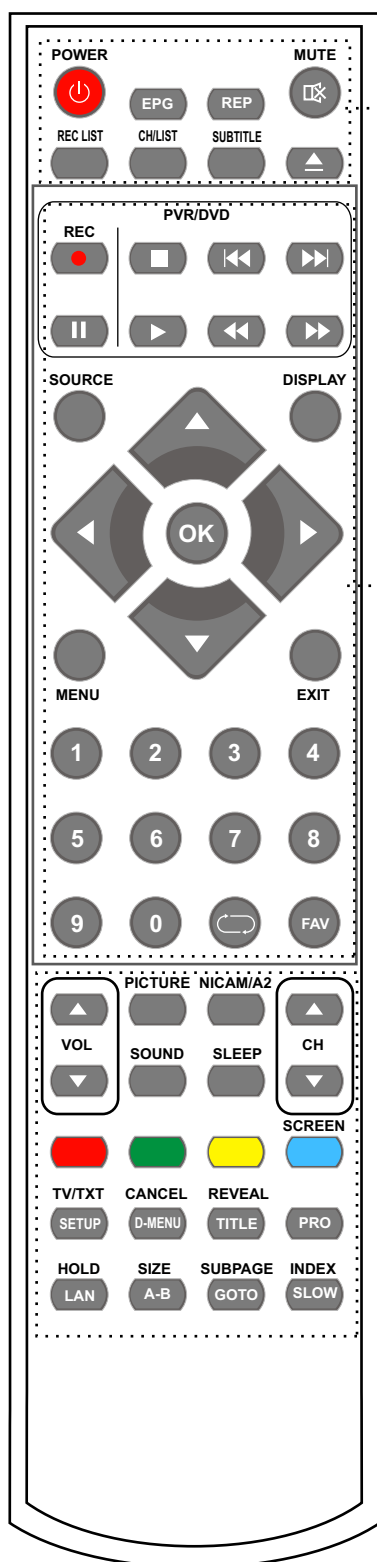
POWER: Turn the TV on/standby.
MUTE: Press to mute the sound, press again or press
　　　　VOL+ to unmute.
REC LIST: Record List.
CH/LIST: Display the programs list.
SUBTITLE: Turn on/off the subtitle display in DTV mode.

EPG: To show the Electronic Program Guide during no-menu
　　　state only in DTV mode.
REP: Repeat playing the title or chapter.
⏏ : Load/eject DVD disc.

PVR/DVD function
REC ● : Press to start record the program in DVB mode.

■ : Stop DVD program.
◄◄ : DVD previous chapter.
►►| : DVD next chapter.
II : Pause DVD program.
► : Play DVD program.
◄◄ : DVD fast reverse.
►► : DVD fast forward.

SOURCE: Press to display the input source menu.
DISPLAY: Press to display the current mode's information.
MENU: System setup menu.
EXIT: Exit the OSD menu.
FAV: Display the favorite program list.

NUMBER BUTTONS
Press0-9 to select a TV channel directly when you
are watching TV.

Return to the previous channel viewed.
CURSOR KEYS（▲/▼/◄/►/OK）
Allows you to navigate the on-screen menus and adjust the
system settings to your preference.

Remote Control

POWER   MUTE

EPG   REP

REC LIST   CH/LIST   SUBTITLE

PVR/DVD

REC

SOURCE   DISPLAY

OK

MENU   EXIT

1	2	3	4
5	6	7	8
9	0		FAV

PICTURE   NICAM/A2

VOL   SOUND   SLEEP   CH

SCREEN

TV/TXT   CANCEL   REVEAL

SETUP   D-MENU   TITLE   PRO

HOLD   SIZE   SUBPAGE   INDEX

LAN   A-B   GOTO   SLOW
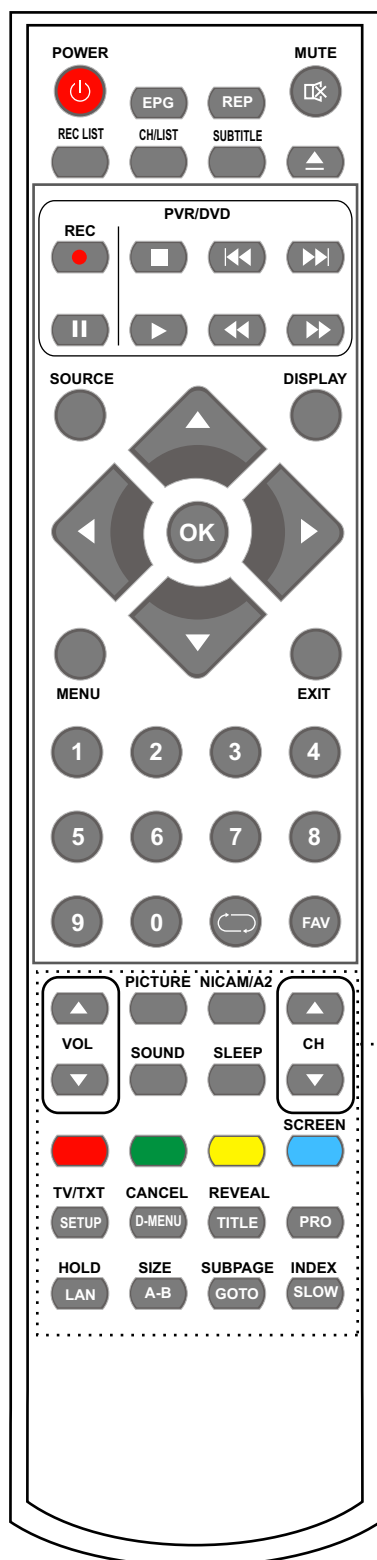
CH▲/▼: Scan through channels.
VOL▲/▼: Adjust the volume.
PICTURE: Select the picture mode.
NICAM/A2: TV Nicam/A2 select.
SOUND: Select the sound mode.
SLEEP: Standby timer.
SCREEN: Turn on/off the screen.
TV/TXT: Turn off/on the Teletext display.
CANCEL: Cancel the Teletext display.
REVEAL: Reveal any hidden text.
HOLD: Hold or carry on the current subpage.
SIZE: Press to see top half of page double size,
     Press again to see the bottom
     half of page double size. Press again for normal size.
SUBPAGE: Press to enter subpages, pressagain to cancel.
INDEX: Go to index.

SETUP: DVD system setup.
D-MENU: DVD play list/Disc menu.
TITLE: DVD title.
PRO: Edit the program and play.
LAN: Select DVD disc language.
A-B: Select and play the preferable paragraph of DVD program
     by pressing this key twice at the beginning and end of it.
GOTO: Play your favorite title/chapter/track.
SLOW: Play DVD programs at slow speed.

Basic Operation

Power on/off

1. Connect to the power supply with the power cord.
2. -To turn on the TV
    Press **POWER/ ⏻** button on the TV or remote control.
  -To turn off the TV
    Press **POWER/ ⏻** button on the TV or remote control.

Input Source
DTV
ATV
YPBPR
DVD
PC
HDMI1
HDMI2
AV
USB

⬍Move OK Select EXIT Quit

Input Source select

Press **INPUT** button on the TV set or remote control to display input source menu, and use **CH+/-** button on the TV set or ∧/∨ button on remote control to select the input source, press **OK** button on the remote control to enter.

Note: Before you select the input source, make sure the connections are prepared.

Basic OSD Menu operation

Press **MENU** button to display the OSD menu as below:

Main menu
CHANNEL
PICTURE
SOUND
TIME
OPTION
LOCK

Auto Scan
DTV Manual Tuning
ATV Manual Tuning
Programme Edit
Signal Information
Software Update(USB)

CHANNEL

Submenu
(Chanel menu for example)

◄ ► Move   MENU Back   OK Select   EXIT Quit

Hint---you should operate the OSD menu according to the hint.
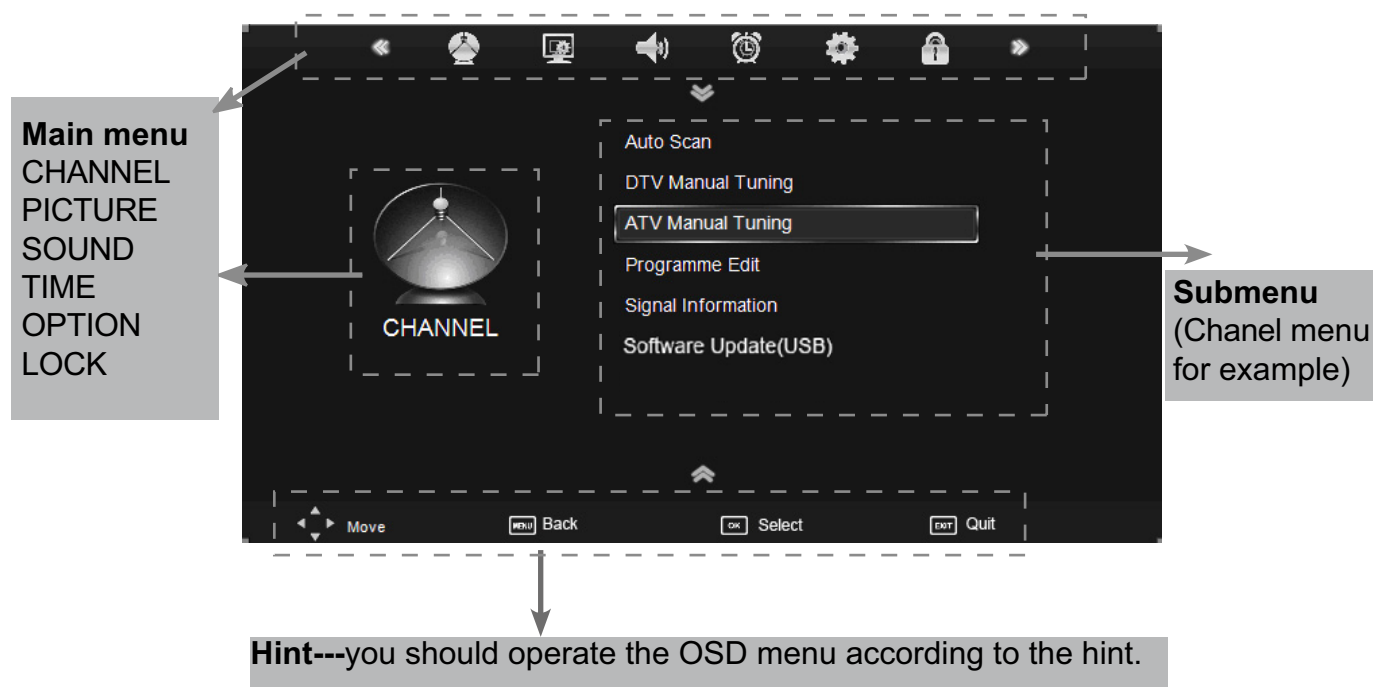
Use ＜/＞ button to select the main menu, and press ∨ button to enter the submenu.
In the submenu, use ∧/∨ button to select the function item, press ＜/＞ button to adjust/setup, or press **OK** button to enter the submenu.
* (Press **MENU** button to return to the upper menu.)
* (Press **EXIT** button to exit the menu display.)

Note1: Only when you input the suitable signal, the relevant items can be activated
Note2: Please operating the OSD menu according to hint on the bottom of the banner.

10

OSD Menu

1. CHANNEL menu
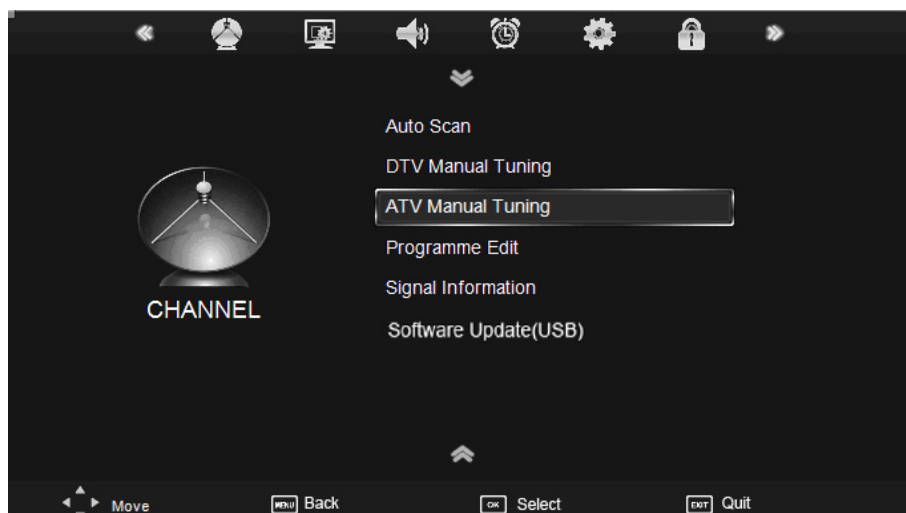
Description

Auto Scan
Press **OK** button to enter the hint menu, and select the Country and Tune Type mode for the TV, then press **OK** button to start auto tuning.
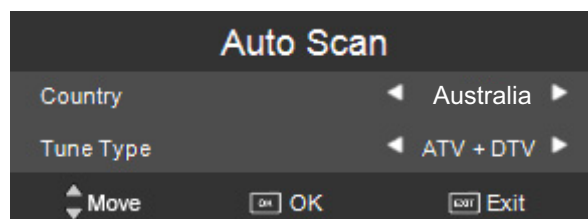
DTV Manual Tuning
Press **OK** button to enter the DTV Manual Tuning menu, select a DTV channel, and press **OK** button to start searching.
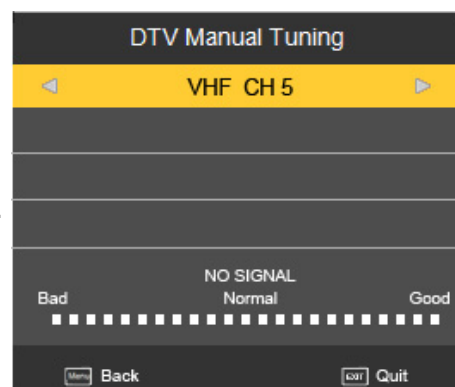
ATV Manual Tuning
Press **OK** button to enter the ATV Manual Tuning menu.
　　Storage To: Select a position for storing the program.
　　System: Select a TV system for searching.
　　Current CH: Select the channel you want to manual tuning.
　　Search: Press < / > button to manual search.
　　Fin-Tune: Press < / > button to fine-tune.
　　Frequency: Display the current frequency.

*Note: Press **RED** button to save all the setups you have changed.*
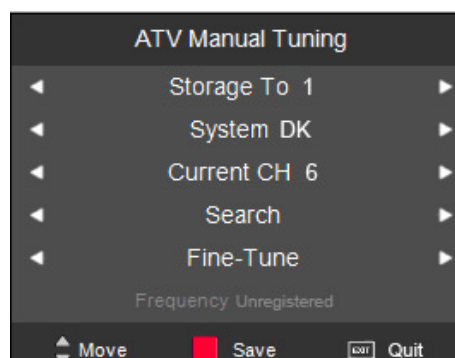
OSD Menu

Programme Edit
Press **OK** button to enter the Program Edit menu as the following picture.
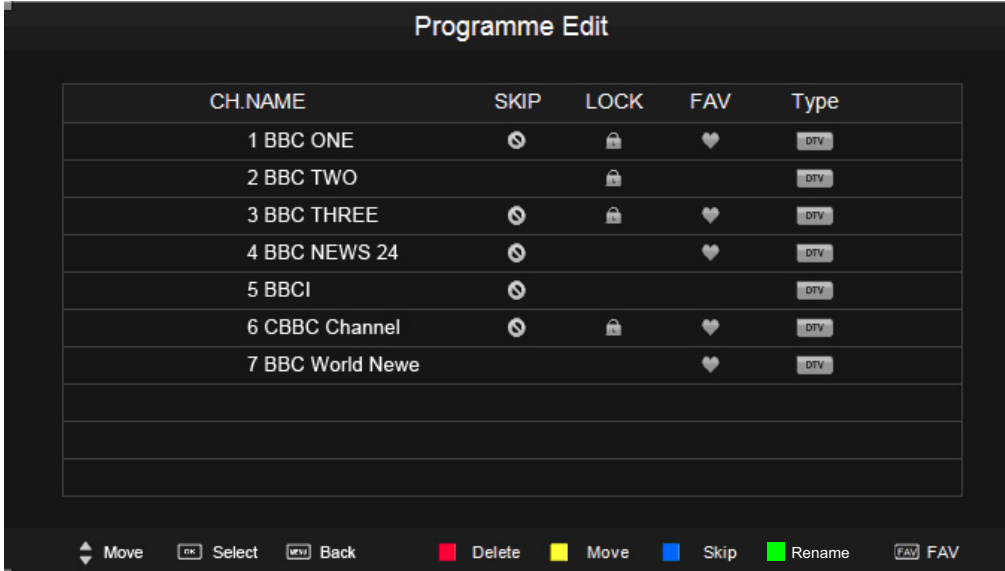
Delete: Select a channel and press **RED** button, "Delete" will appear on the right of the program edit menu next to the channel you have chosen, then press **RED** button again, the program will be deleted. However if you decide not to continue to delete press the menu button to quit.

Move: Select an channel, and press **YELLOW** button, then you can use $\wedge$ and $\vee$ buttons to change the position of the program, press **YELLOW** again to confirm the change. Press menu to exit and it will automatically save the current set.

Skip: Select a channel and press the **BLUE** button to label the channel, as long as the channel has a skip label it will be skipped when searching through the channels with the CH+/- buttons.

Rename: Select an **ATV** channel and press the **GREEN** button to change the name of the channel by $\wedge$ $\vee$ $<$ $>$ buttons

FAV: Select a program, press **FAV** button to set or delete the program as the favorite channel.

Signal Information
Display the signal information in DTV mode.

Software Update(USB)
Press **OK** button to enter the menu, and update the software by the USB device.

OSD Menu

2. PICTURE menu
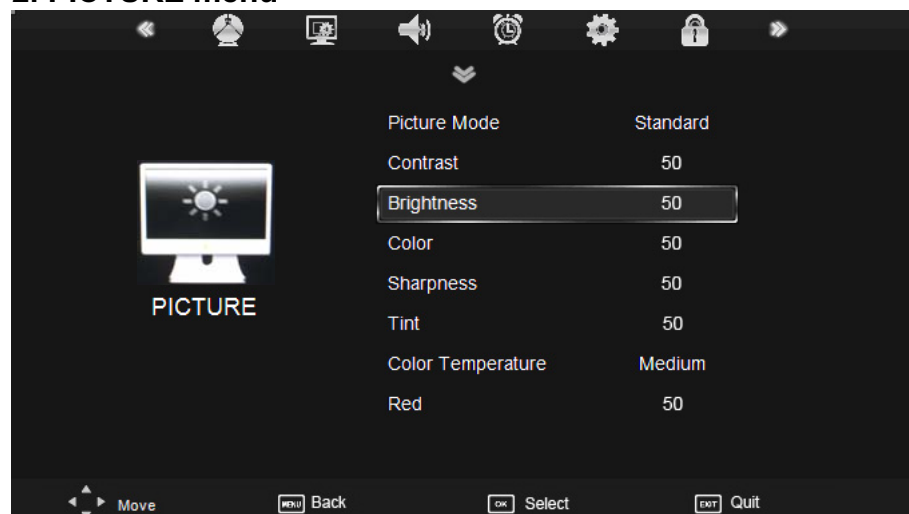
Description

Picture Mode: Choose from Standard, Dynamic, User and Mild.
Note: Contrast, Brightness, Color and sharpness are only available and can be adjusted in the User mode option in the Picture Mode Settings.
Contrast: Controls the difference between the brightest and darkest regions of the picture.
Brightness: Controls the overall brightness of the picture.
Color: Control the color.
Sharpness: Increase this setting to see crisp edges in the picture; decrease it for soft edges.

Tint: Controls the tint (NTSC mode only).

Color Temperature: Choose from Medium, Cool, User and Warm.

Red: Controls the red colour of the picture.
Green: Controls the green colour of the picture.
Blue: Con trols the blue colour of the picture.

Aspect Ratio: Choose from 4:3, 16:9, Zoom1, Zoom2, Just Scan and Panorama.
Note: The aspect ratio modes you can select according to the input source.

Noise Reduction: Choose interference noise modes form Off, Low, Middle, High and Default.

Screen(PC mode only): Press **OK** button to enter the submenu to adjust Horizontal / Vertical position, Size or Phase of the picture.
Over Scan(HDMI Mode Only): Press ◂ / ▸ to select dispaly mode: PC or video.

OSD Menu

3. SOUND menu

Description

Sound Mode: Allows you to select among: Standard, Music, Movie, Sports and User.

Treble(Could be adjusted when the sound mode is User)**:** Controls the relative intensity of higher pitched sounds.

Bass (Can be adjusted when the sound mode is set to User): Controls the relative intensity of lower pitched sounds.

Balance: To adjust the balance of the left and right sound track, or turn off the volume of the left and right sound track.

Auto Volume: Control the volume of the program automatically when you turn on the function by selecting "On".

Surround Sound: Turn on/off the surround sound function by selecting "off"/"surround".

SPDIF MODE: Allows you to select among: Off, PCM and Auto.

OSD Menu

4. TIME menu
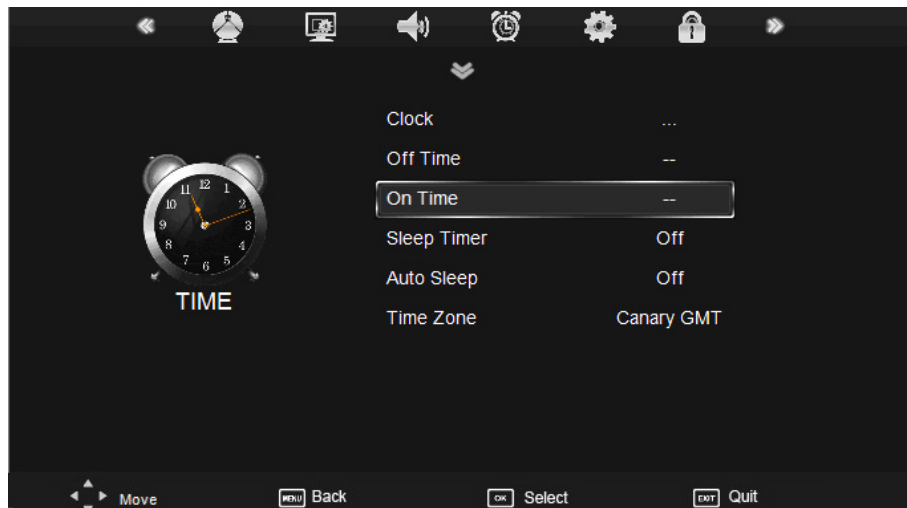
Description

Clock: Use the ＜ and ＞ buttons to select the position, and use the ∨ and ∧ buttons to set the time.

Note: User can not change time manually during DTV mode, for time is from signal source directly.

Off Time: Press **OK** button to enter the submenu, you could set the time when the TV set will be turned off automatically, you could also set the frequency.

On Time: Press **OK** button to enter the submenu, you could set the time when the TV set will be turned on automatically, you could also set the frequency, volume and program.

Sleep Timer: Allows you to setup the sleep timer among: 10min, 20min, 30min, 60min, 90min, 120min,180min, 240min and off.

Auto Sleep: Turn on/off the auto standby function.

Time Zone: Allows you to select the time zone.

OSD Menu

5. OPTION menu
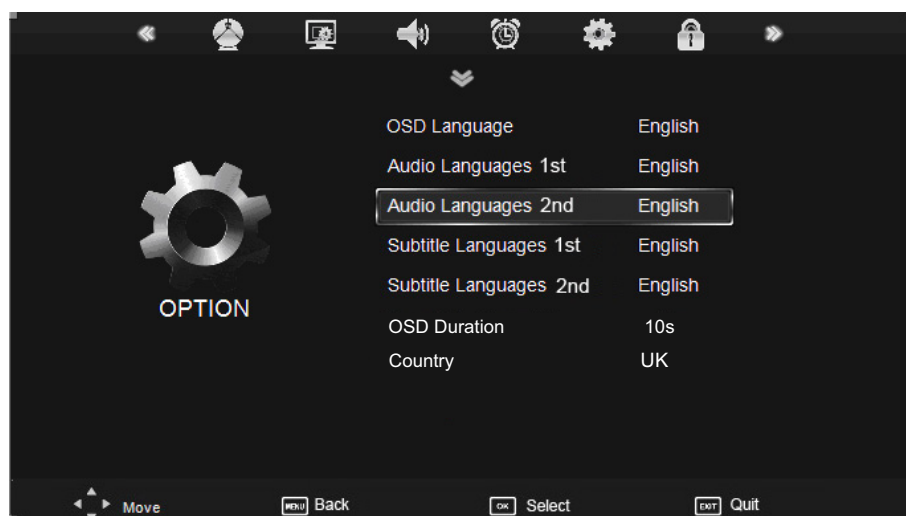
Description

OSD Language: Allows you to select menu language.

Audio Language 1st/2nd (can be selected in DTV mode): Allows you to select first and second audio language.

Subtitle Language 1st/2nd (can be selected in DTV mode)**:** Allows you to select first and second subtitle language.

OSD Duration : Allows you to setup the time of the menu display on the screen among: 5s, 10s, 15s, 20s, 25s, 30s, 35s, 40s.

Country: Display the current Country, and you should select the Country when you want to auto tuning.

Restore Factory Default: Press **OK** button to restore factory default.

OSD Menu

6. LOCK menu
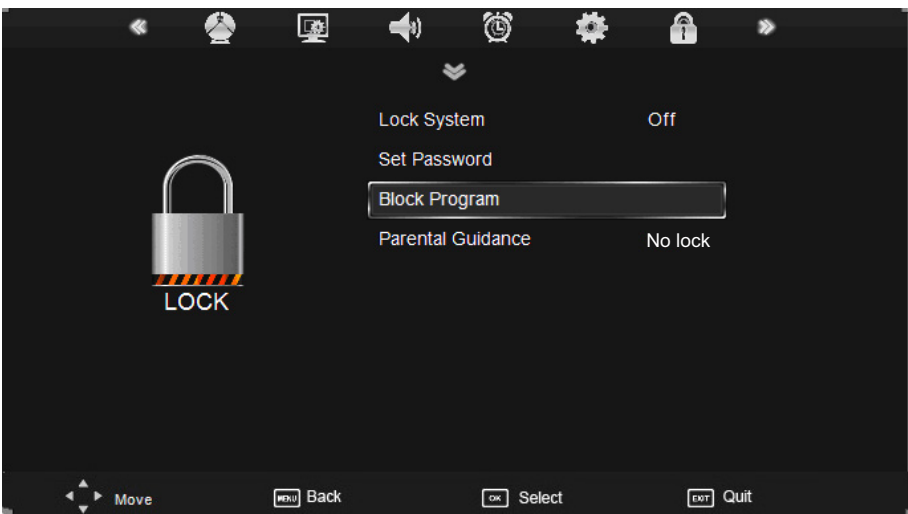
Description

Lock System: Turn on/off the Lock System function.
Note: You should enter the code to operate the menu.(original code is 0000)

Set Password: Set pin code. If the Pin code has been changed you must enter the present code.

New : Enter the new password.

Confirm: Enter the new password.

Block Program: Lock the channel, you have to enter the code to view the channel. Use $\wedge$ and $\vee$ buttons to select the channel, and press the **GREEN** button on the remote control to lock the channel or canel.

Parental Guidance: Allows you to select the Parental Guidance mode.

Multimedia Operation

Basic Operation

1). Press the SOURCE button on the remote control to display the input source menu, select USB source by the ◄ / ► buttons, and press OK button to enter the Multimedia menu seen below.

Input Source
DTV
ATV
YPBPR
DVD
PC
HDMI1
HDMI2
AV
USB
◆ Move OK Select EXIT Quit
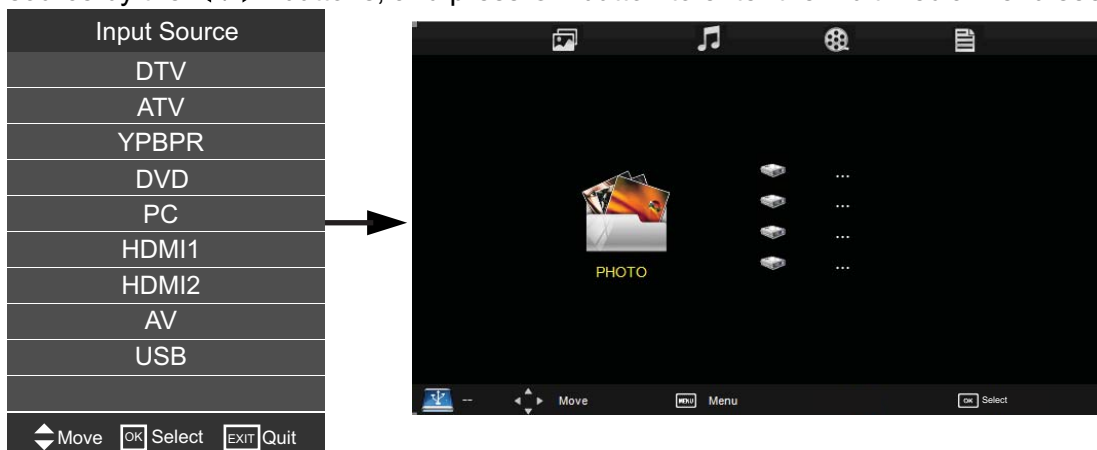
2). Insert USB device, you will find the name of the device display on the screen.

MAINS MENU
PHOTO MUSIC MOVIE TEXT

USB device list

MAINS MENU
PHOTO MUSIC MOVIE TEXT

Hints for operation
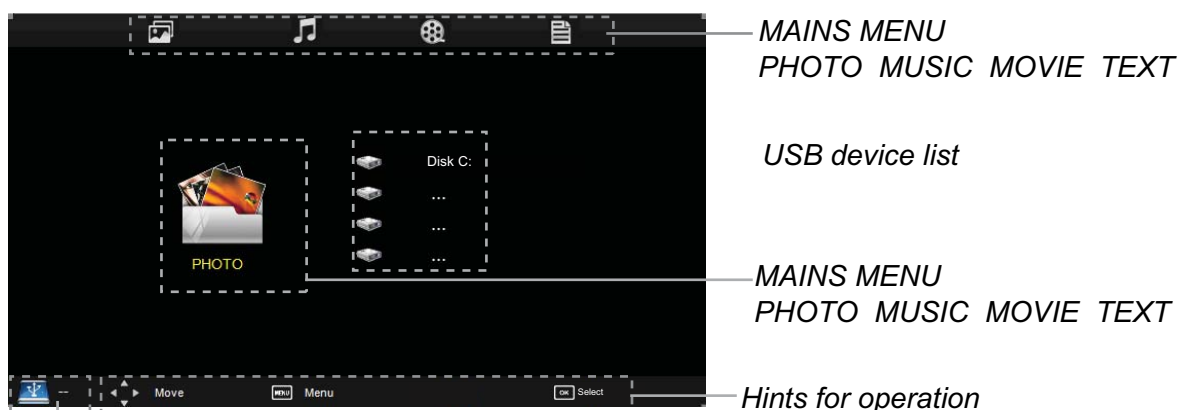
Hints and informations of USB device

3). Press ＜/＞ button to select the kind of the files in the device you want to program from PHOTO, MUSIC, MOVIE and TEXT. Press ∧/∨ button to select the device and press OK button to enter.

Return to device list

Up Folder

Preview

Informations
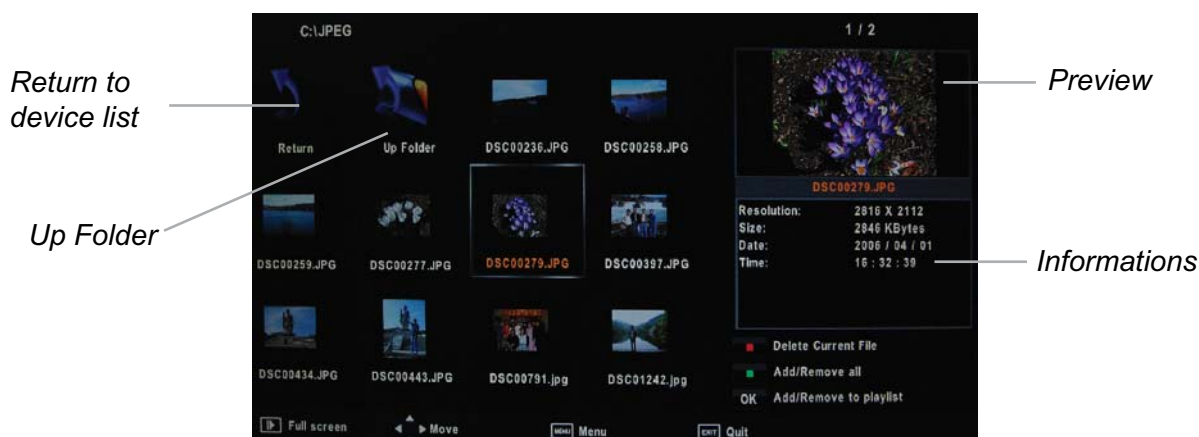
Press ＜/＞ / ∧/∨ buttons to move , and press OK button to select the file or unfold the folder,
Then press ▶ button to play the files (be signed) you select or the files in the fold you select,
You can display the option table on the bottom of the screen by **OK** button, press ■ button to hide.
Press ■ button to stop and exit the full screen program.

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Multimedia Operation

1. Photo

Play the photo

Press ⟨/⟩ button to select the option on the table, and press **OK** button to change.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.
Music: Play/pause the music program (you can only play or pause the music you have programed).
Playlist: Display the playlist on the screen, and you can select the photo by ∧/∨ button, and press **OK** button to program. Press ⟨/⟩ button to return to the options table.
Info: Display the information of the photo.
Rotate: Rotate the photo clockwise/counterclockwise.
Zoom Out/In: Zoom out/in the photo.
Move View: Move the photo in Zoom in mode.

2. Music

Play the music

Press ⟨/⟩ button to select the option on the table, and press **OK** button to change.
Press ∧/∨ button to select the music, and press **OK** button to program.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.
Search: Program the music form the time you set.
Press **OK** button to display the time table, and select the position by ⟨/⟩/ ∧/∨ button, set the time by the number buttons, select "OK" and press OK button to search.
Screen Saver: Press **BLUE** button to enter the Screen Saver mode, press again to exit.

Multimedia Operation

3. Movie

Play the movie

Press </> button to select the option on the table, and press **OK** button to change.

Repeat: Select the repeat mode from Repeat All, Repeat 1, Repeat None.
Set A-B: Select and play the preferable paragraph of the program by seting A and B at the beginning and end, and there will be a sign on the left screen, press **OK** button again to cancel.
Playlist: Display the playlist on the screen.
Info: Display the information of the movie.
Slow: Play the programs at slow speed, press ▶/play button to cancel.
Step: Step the programs by **OK** button, press ▶/play button to cancel.
Goto Time : Program the movie form the time you set.
Zoom out/in: Zoom out/in the movie screen.
Aspect Ratio: Select the aspect ratio of the screen display.
Move View: Move the photo in Zoom in mode.

4. Text

Play the text
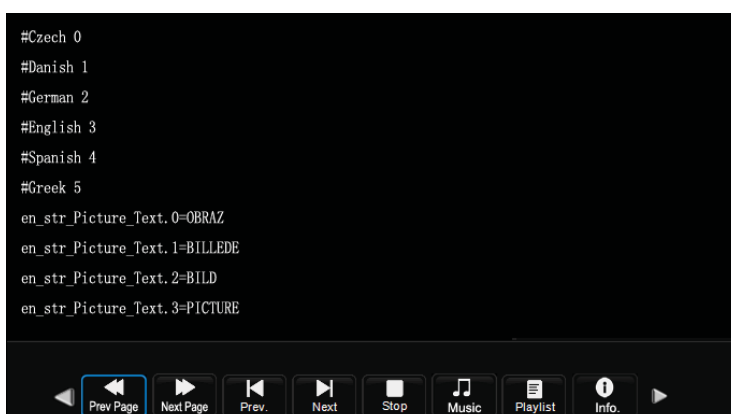
Press </> button to select the option on the table, and press **OK** button to change.

Prev/Next page: Turn to previous/next page of the text.
Prev./Next: Turn to previous/next file.
Stop: Stop auto turning pages.
Music: Play/pause the music program.
Playlist: Display the playlist on the screen.
Info: Display the information of the text.

Recording Operation

PVR settings

Press the MENU button, and select CHANNEL menu.

1). Recorded List
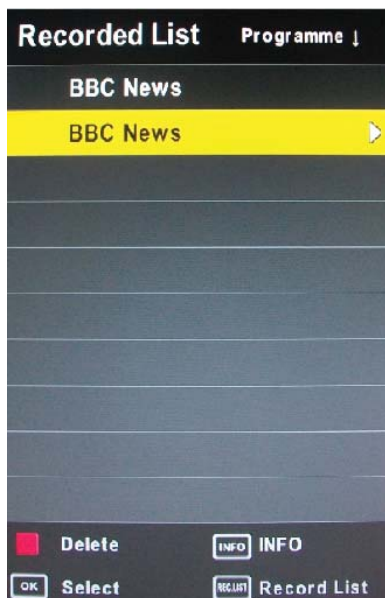
Display the recorded list
Recorded list: Display the Recorder List menu,
    and changed the mode of program.
INFO: Display the information of the program you recorded.
RED button: Delete the program you select.

2). Recording Timer
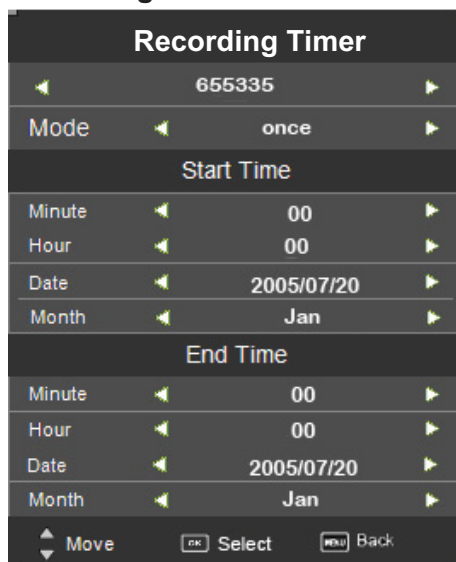
Set the Recording Timer
The TV will record the program automatically according to your settings.

TITLE: Display the name of the recording program.
MODE: Select the record mode.
Start Time: Set the start recording time.
End Time: Set the end recording time.
Press **OK** button to save the setting and exit the menu.

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Recording Operation

3). Schedule List

Display the recorder shedule

Note: a. Could't add shedules which have existent on the list;
       b. Could't add shedules when the list is full, you have to delete some schedules;
       c. You could delete a schedules by RED button on the remote control.

4). PVR File System

Setup the PVR File system before you start recording.
Select Disk: Select the device for the Record files.
Check PVR File System
USB Disc: Display the USB state.
Format: Format the USB device for PVR operating.
Time Shift Size: Display the size of the USB device (The device has been formated).
Speed: Display the speed of the USB device (The device has been formated).

Recording Operation

5) Record Start

When you finish the settings above, you could start recording by select **Record Start** in the menu and press OK button in DTV mode. (You can also start recording by press the button on the remote control)

Record buttons

Recording: Press to enter the recording mode.

II **PAUSE:** Press to enter the timeshift mode.

Recording list: Press to display the recording list.

■**Stop:** Press to stop recording.

Recording menu

When you press REC button, the screen will display the recording menu as below:

 Full mode

 Simple mode
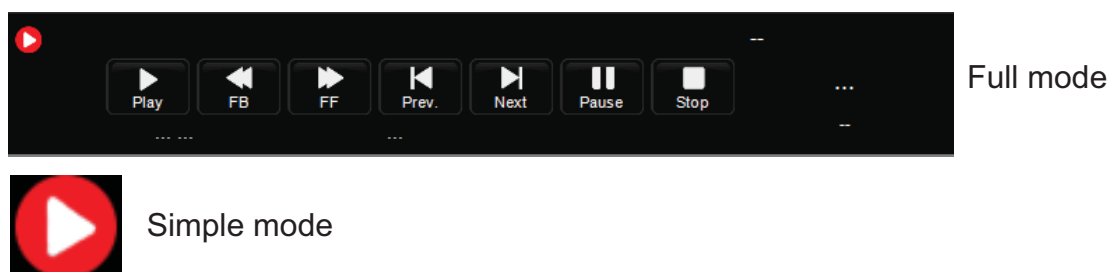
Note: a. You could change the mode of Recording menu by Exit button.
      b. Press STOP button to exit the recording mode.
      c. Press PLAY button to play the program you are recording from the beginning.
      d. Press Recording list button to display the Recorder list, and you could play the program you selected. The recording will be going on, and the Recording menu will display when you exit the Recorder list.

Timeshift

Press PAUSE button to enter the Timeshift mode, and the picture will be paused, the recording will begin.

Note: a. You could change the mode of Timeshift menu by Exit button.
      b. Press STOP button to exit the Timeshift mode.
      c. Press PLAY button to play the program you are recording from the beginning.

Playback

The current state of the program   The current time

The process of the program

A-B mark

The name and number of the program

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DVD Operation

Basic Operation

Press the Power button on the TV or the remote control, then press the SOURCE button to select DVD mode.
If there is no disc in the DVD player the screen will show "NO DISC".
Insert Disc according to picture next to disc slot.
Do not touch the playing surface.
Hold the disc around the outside with your fingers and place the disc into the slot. The player will
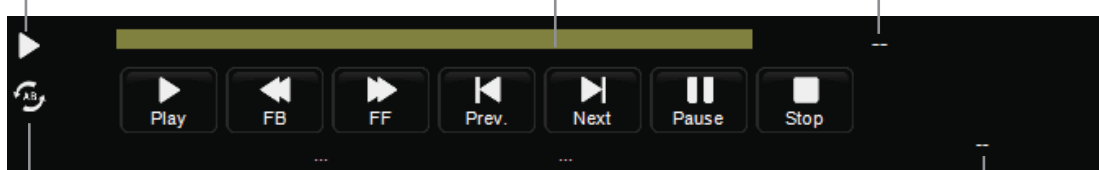automatically draw the disc into the player.
To "Eject" the disc, press the EJECT button on the TV or the " ⏏ " button on the remote control.

DVD Setup Mode

· Setup Mode provides the menu for the configuration of General Setup Page, Audio Setup Page,
Dolby Digital，Setup , Preference Page .
· Item selection in the Setup Menu is done by using the Navigation Arrows, SETUP button and the
OK button.
· Press the SETUP button first , enter into SETUP menu, then press the DIRECTION RIGHT button,
you can enter into the next Sub-menu.
· Press the SETUP button again to exit the Setup Menu.

General Setup

TV Display

4:3 Pan Scan
This is selected when the DVD player is connected to a normal TV. Wide-screen images are shown
on the screen,but with some parts cut automatically.

4:3 Letter Box
This is selected when the player is connected to a normal TV. Wide-screen images are shown on the
screen,with black belt on the top and bottom.

Wide
This is selected when the player is connected to a wide-screen TV.

—— General Setup Page - -

TV Display	16:9	4:3Pan Scan	
OSD Lang	ENG	4:3/Letter Box	
Screen Saver	off	Wide	
Last Memory	off		
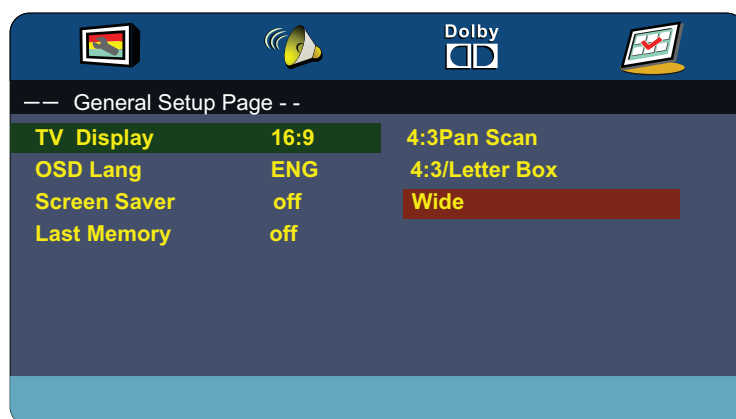
DVD Operation

OSD Language

This is used to select the OSD language.

```
   [icon]        [icon]        Dolby        [icon]
                               [][]

—— General Setup Page - -
   TV  Display          16:9
   OSD Lang             ENG
   Screen Saver         off
   Last Memory          off
```

Screen Saver

Start the screen saver, the screen saver image will appear when the player stops or the picture is frozen for a few minutes. This saver can keep the screen from being damaged.
· **On** (Start the screen saver)
· **Off** (Remove the screen saver).

```
   [icon]        [icon]        Dolby        [icon]
                               [][]

—— General Setup Page - -
   TV  Display          16:9
   OSD Lang             ENG
   Screen Saver         off
   Last Memory          off          Off
```
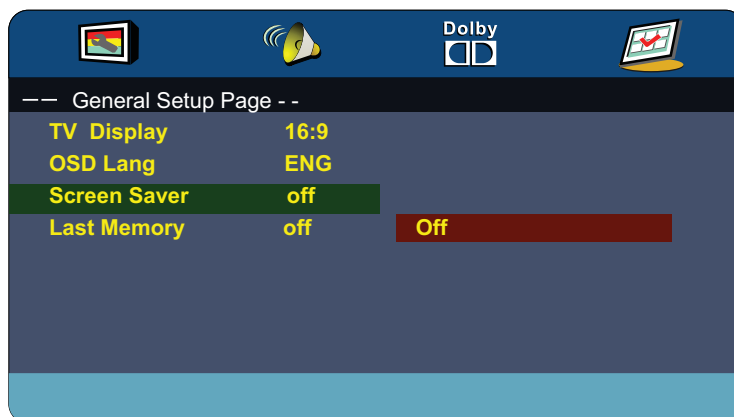
Last Memory

Can set the items on the last memory, "on"and "off" option.
Select "On", the shutdown will shutdown the machine before the settings for memory, re-boot the machine settings.Set near the same time.
Select "Off", every time the machine automatically switched back to the default settings
· **On** (Start the memory)
· **Off** (Remove the memory).

DVD Operation

AUDIO Setup

・**Speaker Setup**

In the "Audio Setup page" press "▼" button to select "Speaker Setup" item, press the "OK ENTER"

or " ► " button (play) into the "Speaker Setup Page".

DVD Operation
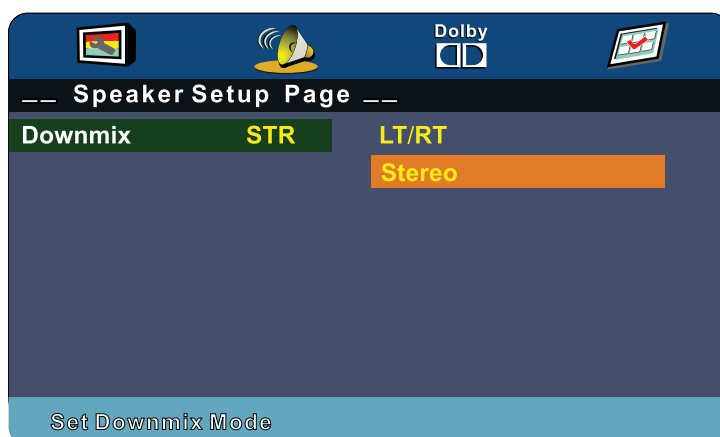

Downmix

 · LT/RT

A disc recorded multi channel soundtrack, the output signal will be incorporated to left and right channel.

 · Stereo

A disc recorded multi channel soundtrack, The output signal will be incorporated to stereo.
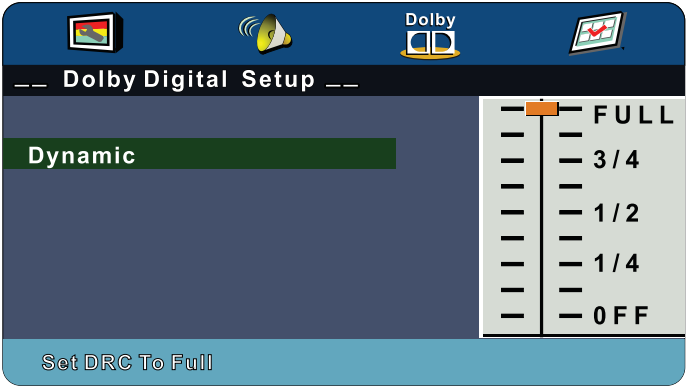
DVD Operation

Dolby Digital Setup

Dynamic

This option is used to set the compression ratio in order to control the sound (Vume) contrast.

```
        📺          🔊        Dolby          🖥
                              ⫿⫿
   __ Dolby Digital  Setup __
                                        ─┬─  FULL
                                       ─   ─
    Dynamic                            ─   ─  3 / 4
                                       ─   ─
                                       ─   ─  1 / 2
                                       ─   ─
                                       ─   ─  1 / 4
                                       ─   ─
                                       ─   ─  0 F F
   Set DRC To Full
```

You must press **STOP** twice to enter Preference Page or NO disc

TV Type

· **PAL**

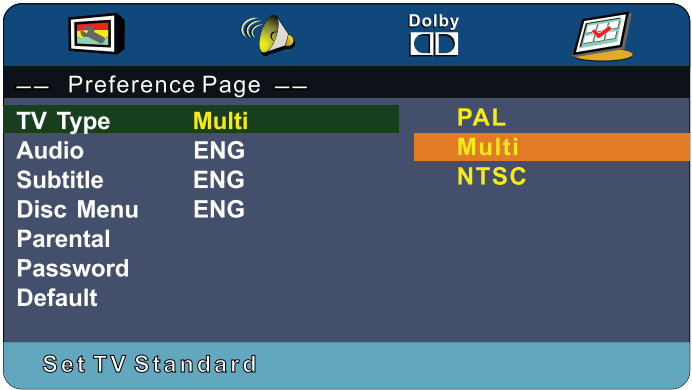This is selected when the player is connected to an PAL System TV.

· **MULTI**

The player will set the TV system according to the disc in the tray.

· **NTSC**

This is selected when the player is connected to a NTSC System TV.

Preference Setup

```
        📺          🔊        Dolby          🖥
                              ⫿⫿
   __ Preference Page __
   TV Type       Multi          PAL
   Audio         ENG            Multi
   Subtitle      ENG            NTSC
   Disc Menu     ENG
   Parental
   Password
   Default

   Set TV Standard
```
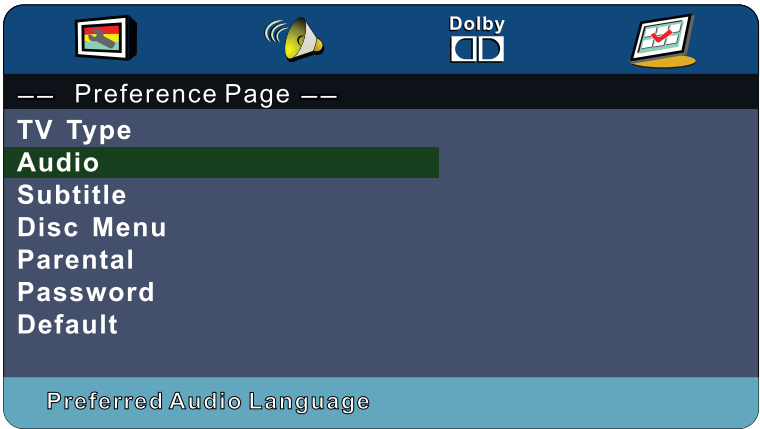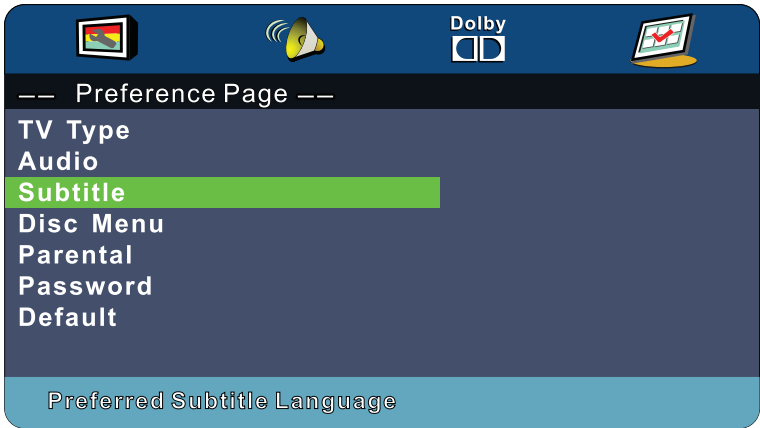
Audio

If a language listed below is recorded on the disc, you can play the sound in such language.
If not, the language recorded will be used.
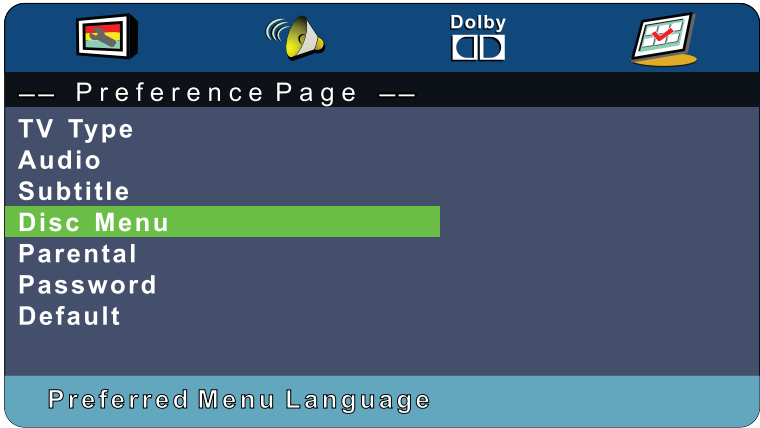
DVD Operation

Subtitle

If a language listed below is recorded on the disc, you set the subtitle to be displayed in such language. If not, the language recorded will be used.

Disc Menu

If a language listed below is record on the disc, you can set the Menu to be displayed in such language. If not, the language recorded will be used.
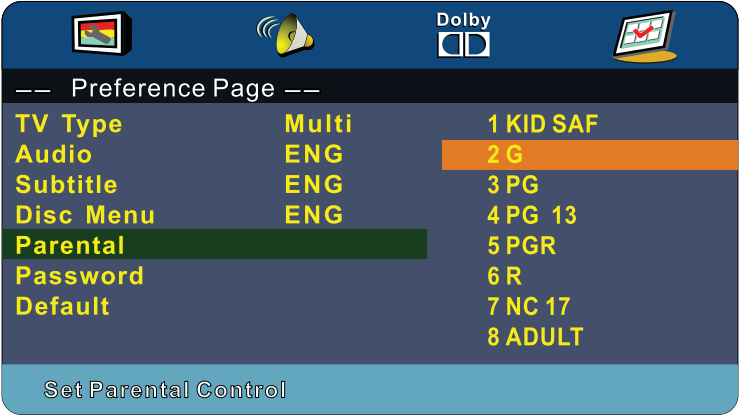
DVD Operation

Parental

When playing disc with parental lock function, you may select an Age Control Grade according to grade of disc and your own preference. For example, if PG is selected, DVD Video disc rated higher than the PG grade cannot be played.

- · **KID SAFE**
- · **G**
- · **PG**
- · **PG 13**
- · **P GR**
- · **R**
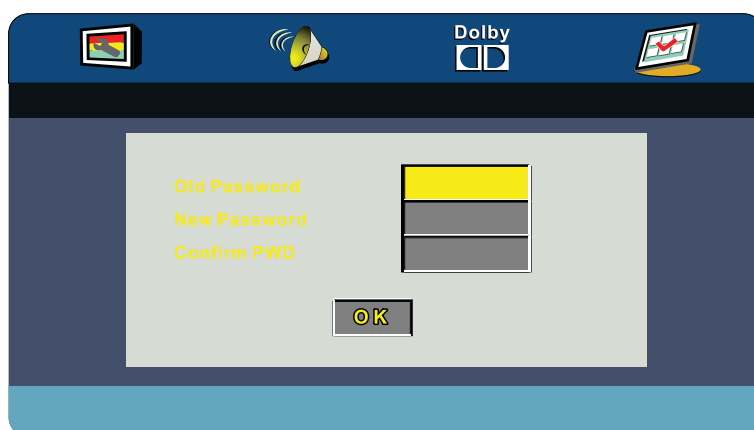- · **NC 17**
- · **ADULT**

Password

User can change the password that is required when the user wants to change the Age Control Grade in the Parental Lock function.

NOTE:(Default password is 123456)

DVD Operation

Dolby

—— Password Setup Page ——

Password   Change

Change Password

Dolby

Old Password
New Password
Confirm PWD

OK
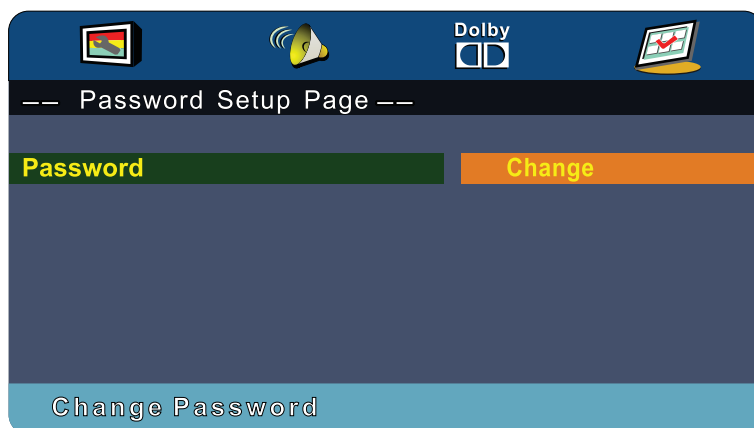
Default

User can load the original factory setting by choose RESET and press OK button .

Dolby

—— Preference Page ——

TV Type   **Multi**
Audio   **ENG**
Subtitle   **ENG**
Disc Menu   **ENG**
Parental
Password
Default   R e s e t

Load Factory Setting

Trouble shooting

• Do not use other functions that are not mentioned in this user's manual.
• In case a problem occurs with your TV, please take the following steps first.
• If you still have the problem, turn the power off and contact your dealer or an authorized service center.

Problem	Action
The screen does not appear.	Is the power plug pulled out? Insert the power plug. Press the power button of the remote control.
The screen appears too slowly after the power is turned on.	This problem occurs for a brief time in the process of image elimination processing in order to hide temporary screen noise that occurs when the power is turned on. But if the screen does not come after 1 minute contact your dealer or an authorized service center.
Screen is too bright or too dark.	Perform brightness adjustment or Contrast adjustment.
Screen is too large or too small.	Adjust the screen size.
Stripes appear on the screen and it shakes.	Stop using wireless telephones, hair driers and electric drills.
The screen does not move.	Press the PAUSE button. Check if the Pause button is pressed on external equipment.
Screen appears, Voice is not heard	1. Press the "MUTE"button. 2. Increase the sound level by pressing volume adjustment button. 3. Check if sound terminal of external input is connected properly. 4. Check if audio cables are connected properly. 5. Select and check the other input. If the sound still does not work and the other channels are the same after you have done as the above, contact your dealer or an authorized service center.
Remote control does not work	1. Check if main power is On. 2. Check that the batteries of the remote controller were loaded properly. 3. Check to see if any obstacle exists between the TV and the remote control , then remove it, if any. 4. If the batteries have no power, replace them with two new batteries.

• This TV is for household use and registered as harmless on electromagnetic waves.
• Therefore, you can use it in every location as well as residential areas.

Specifications

Techincal Specifications

TV

TVSystem	PAL BG/DK/I SECAM BG/DK
Screen size	19"(diagonal)
Resolution	1366 x 768 pixels (RGB)
Aerial input	75 Ω (unbalanced)
Power Consumption	12V ⎓ 3.33A 40W

ENGLISH
Instructions on environment protection

Do not dispose of this product in the usual household garbage at the end of its lifecycle; hand it over at a collection point for the recycling of electrical and electronic appliances. The symbol on the product, the instructions for use or the packing will inform about the methods for disposal.

The materials are recyclable as mentioned in this marking. By recycling, material recycling or other forms of re-utilization of old appliances, you are making an important contribution to protect our environment.

Please inquire at the community administration for the authorized disposal location.

CE